

Resource Summary Report

Generated by ASWG on Aug 9, 2026

SD-Cyp2d^{em2}(CYP2D6)Kg

RRID:RGD_407446371

Type: Organism

Proper Citation

RRID:RGD_407446371

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=407446371>

Proper Citation: RRID:RGD_407446371

Description: Rattus norvegicus with name SD-Cyp2d^{em2}(CYP2D6)Kg from RGD.

Species: Rattus norvegicus

Notes: A ~58.0 kb deletion of the rat Cyp2d gene cluster (1-5) was created using the CRISPR-Cas9 system. Subsequently, the human CYP2D6 gene (~6.2 kb) was inserted in place of the rat Cyp2d gene cluster. The rat strain is deposited to Rat Research and Resource Contact RRRC@missouri.edu for availability.

Catalog Number: 407446371

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo; Cryopreserved Sperm (as of 2024-08-29)

Alternate IDs: 407446371

Organism Name: SD-Cyp2d^{em2}(CYP2D6)Kg

Record Creation Time: 20241014T185456+0000

Record Last Update: 20260808T193752+0000

Ratings and Alerts

No rating or validation information has been found for SD-Cyp2d^{em2(CYP2D6)}Kg.

No alerts have been found for SD-Cyp2d^{em2(CYP2D6)}Kg.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.